(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 7 October 2004 (07.10.2004)

PCT

(10) International Publication Number WO 2004/084836 A3

(51) International Patent Classification⁷: A61K 39/395, C07K 16/40

(21) International Application Number:

PCT/US2004/008865

(22) International Filing Date: 22 March 2004 (22.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/456,648

20 March 2003 (20.03.2003) US

(71) Applicant (for all designated States except US): RINAT NEUROSCIENCE CORP. [US/US]; 3155 Porter Drive, Palo Alto, CA 94304 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SHELTON, David, L. [US/US]; 5845 Clover Drive, Oakland, CA 94618 (US).

(74) Agents: ZHOU, Jie et al.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

(88) Date of publication of the international search report: 24 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR TREATING TAXOL-INDUCED GUT DISORDER

(57) Abstract: This invention relates to the field of taxol-induced gut disorder. More specifically, the invention relates to methods of treating taxol-induced gut disorder comprising administration of agonist anti-trkC antibody for the treatment, prevention, and/or amelioration of a symptom of taxol-induced gut disorder.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08865

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61K 39/395; C07K 16/40 US CL : 424/133.1, 142.1, 146.1; 530/387.3, 388.15, 388.26 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/133.1, 142.1, 146.1; 530/387.3, 388.15, 388.26				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
	it to claim No.			
	-8,13,14			
Further documents are listed in the continuation of Box C. See patent family annex.				
	ing date or oriority			
	date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
E earlier application or patent published on or after the international filing date considered novel or cannot be considered to involve				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invectors specified considered to involve an inventive step when the documents,	considered to involve an inventive step when the document is combined with one or more other such documents, such combination			
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed	being obvious to a person skilled in the art document member of the same patent family			
Date of the actual completion of the international search Date of mailing of the international search report A N 1015				
06 December 2004 (06.12.2004)	·			
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Authorized officer Ron Schwadron, Ph.D. Telephone No. 571 272 1600	1			

Facsimile No. (703) 305-3230
Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT	PCT/US04/08865		
•			
•			
·	·		
	·		
Continuation of B. FIELDS SEARCHED Item 3: WEST 2.1, MEDICINE/BIOTECH (compendium databases on DIALOG) search terms:inventor name, trkc, antibod?, taxol, gut,			
stomach, intest?, bowel, 2256, A5			
	•		
·			

International application No.

Form PCT/ISA/210 (extra sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08865

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)					
	ith regard to any nucleotide and/or amino acid sequence disclosed in the international applic vention, the international search was carried out on the basis of: a. type of material	ation and necessary to the claimed			
	a sequence listing				
	table(s) related to the sequence listing				
b.	b. format of material				
	in written format				
	in computer readable form				
c.	c. time of filing/furnishing				
	contained in the international application as filed				
	filed together with the international application in computer readable form				
	furnished subsequently to this Authority for the purposes of search				
2. 🔀	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
3.	Additional comments:				
		•			
•					

Form PCT/ISA/210 (continuation of first sheet(1)) (January 2004)